

COVID-19 BANGLADESH PREDICTIONS

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OVERVIEW

This is a web application which allows collecting information about corona affected people's data. This application provides an electronic version used in collecting information. Its operational status is completed. This app can be accessed by any devices of any operating system

GOALS

1. We will predict with artificial intelligence how many people will be affected by corona in different districts of Bangladesh in the future.
2. Through this, the people of the area can be warned.
3. Predicting which areas may be Red Zone areas in the future.
4. Predicting how many people may die in COVID 19 in the future

TIMELINE / MILESTONES	
OVERVIEW	Despite some of our teammates being ill, we were able to do the project on time with the help of our supervisor.
MILESTONE	DEADLINE
1. Project Proposal	08-07-20
2. UML Design	15-07-20
3. 1st Phase Project Update	22-07-20
4. Continue 1 st phase Project update	15-08-20
5. Software Testing	29-08-20
6. Presentation and final project update	15-09-20
7. Continue presentation and final project Update	10-12-20

IMPEDIMENT

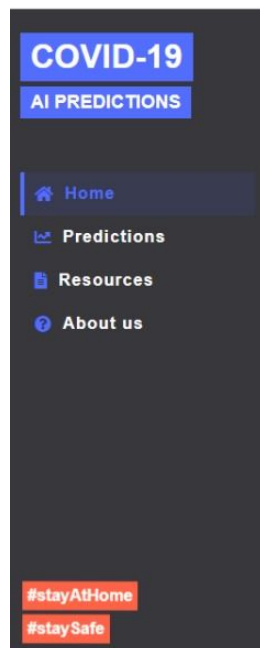
Since we are working with the data of COVID 19 by the Ministry of Health of Bangladesh and anyone can access that data. Hopefully, we have no impediment in creating this project.

SOFTWARE REQUIREMENTS

- Python 3
- Django Framework
- Pandas
- Sklearn
- Polynomial Features

USER MANUAL

Step: 01 - Go to our website.

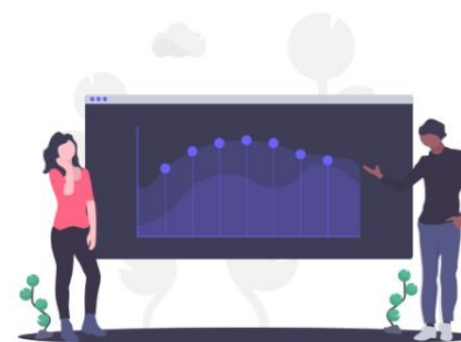


Covid-19 Bangladesh Predictions

Hello visitor, we've took the initiative to create predictions for countries infected. Feel free to take a closer look at the graphs.
Be aware of what we might get ourselves into, if we keep on neglecting the dangers of the current situation.
Note: these predictions are bases on a Worst-Case scenario.
#StaySafe

Predictions

About us



Step: 02 - Click on the Predictions Button

The screenshot shows the 'COVID-19 AI PREDICTIONS' web application. The left sidebar contains a navigation menu with 'Home', 'Predictions' (highlighted), 'Resources', and 'About us'. At the bottom of the sidebar are the hashtags '#stayAtHome' and '#staySafe'. The main content area is titled 'Available countries' and features a search bar. Below the search bar, there are six country cards arranged in a 2x3 grid. Each card displays the country's flag, name, region, and predicted deaths and infections. A 'See more' button is located at the bottom of each card. The cards are: Australia (Warning zone), Bangladesh (Danger zone), Germany (Danger zone), Canada (Danger zone), Tunisia (Warning zone), and US (Danger zone).

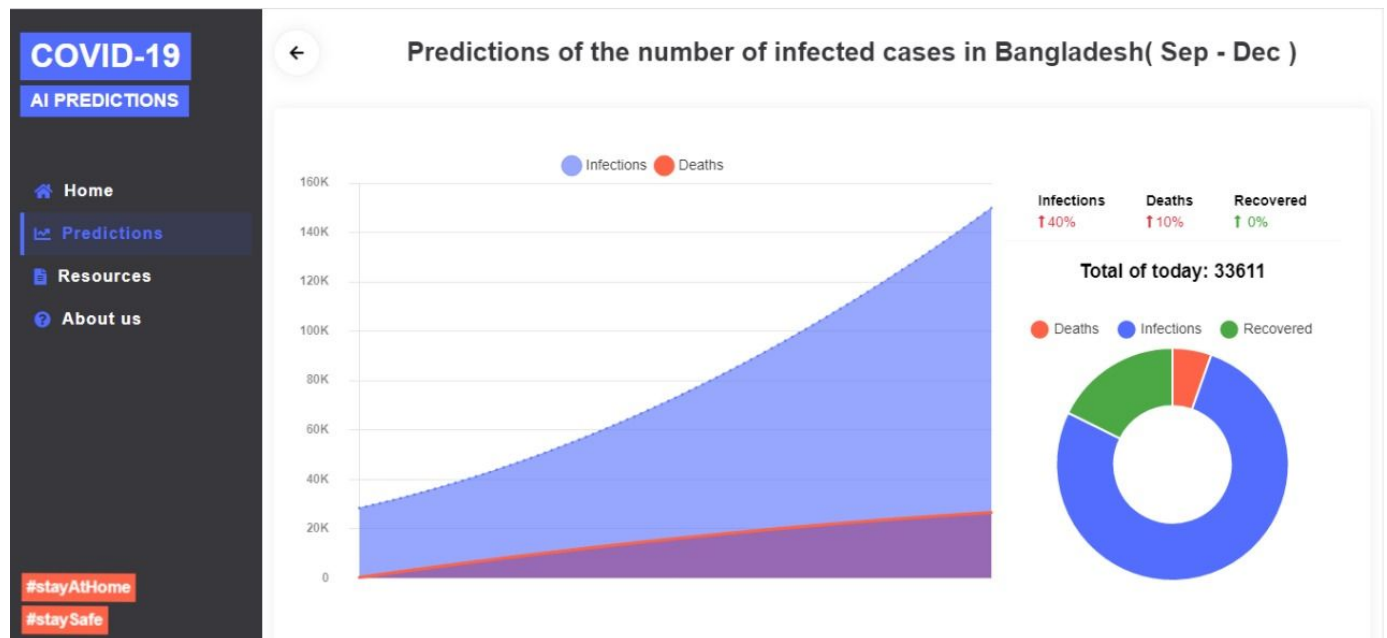
Country	Region	Deaths	Infections	Zone
Australia	Australia	16	2,8K	Warning zone
Bangladesh	Asia	3,2K	401,3K	Danger zone
Germany	Europe	599	48K	Danger zone
Canada	North America	80	4K	Danger zone
Tunisia	Africa	10	346	Warning zone
US	Asia	2,4K	155,3K	Danger zone

Step: 03 - Click on the Bangladesh (See More)

This screenshot is identical to the one above, showing the 'COVID-19 AI PREDICTIONS' web application. The left sidebar contains a navigation menu with 'Home', 'Predictions' (highlighted), 'Resources', and 'About us'. At the bottom of the sidebar are the hashtags '#stayAtHome' and '#staySafe'. The main content area is titled 'Available countries' and features a search bar. Below the search bar, there are six country cards arranged in a 2x3 grid. Each card displays the country's flag, name, region, and predicted deaths and infections. A 'See more' button is located at the bottom of each card. The cards are: Australia (Warning zone), Bangladesh (Danger zone), Germany (Danger zone), Canada (Danger zone), Tunisia (Warning zone), and US (Danger zone).

Country	Region	Deaths	Infections	Zone
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Bangladesh	Asia	3,2K	401,3K	Danger zone
Germany	Europe	599	48K	Danger zone
Canada	North America	80	4K	Danger zone
Tunisia	Africa	10	346	Warning zone
US	Asia	2,4K	155,3K	Danger zone

Step: 04 - See the result of Bangladesh Predictions



Step: 05 - Click on the Resources

COVID-19 AI PREDICTIONS

Home Predictions Resources About us

#stayAtHome #staySafe

Our resources

We've used the publicly-available data from the Coronavirus COVID-19 Global Cases by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University (JHU).

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REFERENCE

1. [Our Project Github](#)